

USA PCT National Stage Patent Application
PCT/EP99/09885 filed December 14, 1999
Heinrich-Jochen Blume, et al
MULTIPOLE ELECTRIC MOTOR AND
PROCESS FOR ITS PRODUCTION
Priority: German Patent Application
198 60 111.5 filed December 23, 1998

76

Multipole electric motor and process for its production

Abstract

A multipole electric motor with a rotor and a stator, with a plurality of coils and stator laminations (1, 2, 3, 4) which are magnetically separated from one another and respectively extend from the coils to the rotor. The stator laminations (1, 2, 3, 4) are connected in a region facing the rotor to a holder (11) of non-magnetic metal. A process for producing this electric motor, wherein the stator laminations (1, 2, 3, 4), connected to one another by one or more webs (5), are produced as one workpiece, and wherein the workpiece is connected to the holder (11) of non-magnetic metal and the web or webs between or on the stator laminations (1, 2, 3, 4) are cut through and/or removed completely.